

## ABSTRACT

The present invention provides a metal powder production process capable of efficiently producing a metal at high purity directly from a metal compound, and preferably enables the process to be carried out continuously. The metal powder production process according to the present invention is a process for producing a metal powder by using a metal compound for the raw material and reducing said metal compound, comprising: a molding step in which the metal compound is mixed with a binder, is molded, and is sintered to produce a metal compound feed compact; and, a reducing step in which a metal is formed by reducing the metal compound by contacting the metal compound feed compact with an active metal.